Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Tuesday 13 Feb 2024 until 23:59 on Wednesday 14 Feb 2024

Forecast Issued on Tuesday 13 Feb 2024 at 02:02

Confidence: High for cloudy and often wet conditions and generally mild. Medium for timing and cloud details.

Headline for Tuesday 13 Feb 2024: Dry this morning, rain and higher summit snow this afternoon especially in the south

Mountain weather hazards on Tuesday 13 Feb 2024

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Cloudy	Light rain	Light rain	Light rain
Precipitation probability					
10%	20%	20%	40%	40%	40%

Forecast for Tuesday 13 Feb 2024

Weather: Dry this morning. Cloudy this afternoon with some rain and higher summit snow affecting southern Fells, northern Fells are likely to remain dry.

Chance of cloud-free hill tops above 800m: 80% falling 50% in the afternoon, best chance in the north

Low cloud and visibility: Patches near or above the summits at first becoming extensive in the south, bases 600m or less, through the afternoon and evening. Visibility very good becoming moderate to very poor through the afternoon and evening.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 13 Feb 2024

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	32/37 SW	26/30 SW	23/28 SW	17/20 S	14/17 SE	11/14 E	12/14 SE
600	26/34 SW	18/24 SW	19/24 SW	14/18 S	13/18 SE	10/13 E	10/13 SE
300	9/27 SW	6/20 SW	7/19 SW	6/15 S	3/12 SE	4/9 E	4/9 E
Valley	6/23 W	3/16 SW	7/17 SW	4/13 S	4/10 E	6/10 NE	4/8 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-9	-0/-8	1/-6	1/-5	2/-3	3/-1	3/-0
600	1/-6	2/-4	3/-3	3/-2	3/-2	4/0	4/1
300	3/-0	4/2	5/3	5/2	4/3	5/4	5/4
Valley	5/3	6/5	7/5	6/5	6/5	7/5	7/6
Freezing Level*	700m	800m	1000m	1000m	1300m	1600m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigational difficulties developing at height.

Forecast for Wednesday 14 Feb 2024

Weather: Cloudy and overcast with outbreaks of rain and drizzle. The rain heavy and persistent at times, although turning lighter and patchy in the evening.

Maximum wind: South or Southwest 20 gusting 30mph

Chance of cloud-free hill tops above 800m: 10%

Low cloud and visibility: Extensive cloud, base 300 to 600m. Visibility moderate to very poor.

Temperature: **Valleys:** Plus 5 to 9 Celsius
At 800m: Plus 4 Celsius
Freezing level: Above the summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 12 February. Location: Helvellyn summit at 1209. Full report: A dry day with cloud breaking up in the morning to leave cloud-free tops and some winter sunshine in the afternoon. A dusting of fresh snow fell overnight down to roughly 700m and ankle-deep drifts are present in sheltered spots and hollows above this altitude. The summit of Helvellyn is mostly frozen ground with a patchwork of old refrozen snow. Swirral and Striding Edge are in wintery condition with a lot of exposed rock. The ambient air temperature on the tops today was around -1ºC but with the combined effect of wind on exposed skin the feels-like temperature (wind chill) was around -9ºC. Full winter clothing (warm and waterproof) including hats and gloves, and equipment including a map, compass, and headtorch are all essential. For anyone planning steep and exposed routes such as the Helvellyn edges, an ice axe, and crampons/microspikes are strongly recommended. Temperature: minus 1.0 C. Maximum wind speed 25.3 mph. Wind chill: minus 8.8 C. Average wind speed: 17.0 mph.

Issued at: 02:02 on Tue 13 Feb 2024

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